

Amendment  
U.S. Appl. No. **10/538,172**  
Attorney Docket No. **052598**

AMENDMENTS TO THE SPECIFICATION

Please amend or add the paragraphs starting on these lines as follows:

Page 1, line 6, please add:

BACKGROUND ART

Page 3, line 2, please amend as follows:

. estimating the value of the speed of ~~ratio~~ rotation of the engine outlet shaft; and

Page 3, line 27, please add:

SUMMARY OF THE INVENTION

Page 4, line 6, please amend as follows:

· if the mode has been determined as being the permanent mode, then the ~~moving~~ average mean variation per unit time of the gear ratio over a period of a plurality of unit time intervals lies between a first threshold value that is negative and a second threshold value that is positive; and

Page 4, line 11, please amend as follows:

· if the mode has been determined as being the transient mode, then said ~~moving average~~ mean variation per unit time of the gear ratio lies outside the range of values defined by the first and second threshold value.

Page 6, line 25, please add:

#### BRIEF DESCRIPTION OF THE DRAWINGS

- Figure 1 shows a drive train to which a method in accordance with the invention may be applied.
- Figure 2, is a graph showing variation over time in the gear ratio when implementing a method in accordance with the invention.

#### DETAILED DESCRIPTION OF EMBODIMENTS

Page 9, line 11, please amend as follows:

· if the mode has been determined as being the permanent mode, then the ~~moving average~~ mean variation per unit time  $L'$  of the gear ratio  $L$  over a period  $T$  of a plurality of unit time

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intervals  $t_1$  lies between a first threshold value  $S_1$  that is negative and a second threshold value  $S_2$  that is positive; and

Page 9, line 17, please amend as follows:

· if the mode has been determined as being the transient mode, then said ~~moving average mean variation per unit time~~  $L'$  of the gear ratio  $L$  lies outside the range of values defined by the first and second threshold values  $S_1$  and  $S_2$ .

Page 11, line 22, please amend as follows:

The amplitude accepted during the segment of variation in the mean value of gear ratio is preferably of the order of 20 ~~rpm km/h per 1000 rpm~~ to 100 ~~rpm km/h per 1000 rpm~~, and if the amplitude is constant, it is preferably equal to 50 ~~rpm km/h per 1000 rpm~~.

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AMENDMENTS TO THE TITLE

Please amend the title to read as follows:

METHOD OF CVT CONTROL IN A VEHICLE FOR ADAPTING ITS NOISE  
CHARACTERISTICS WITH PERMANENT AND TRANSIENT MODES